

Byaskasmabad G.O.P w/s Scheme Under JIM Programme  
Block - Islamnagar Distt-Budaun

DT - 30/11/2022

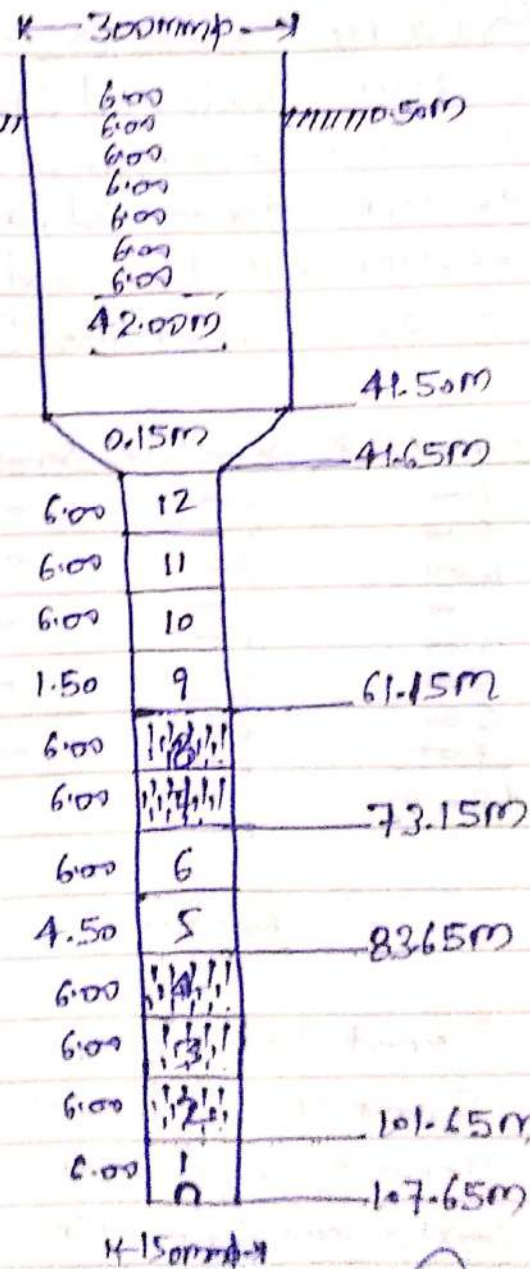
Discharge - 600LPM  
 38m Head 12.5HP

D - 120m (600x450)mmφ  
 L - 110m (300x150)mmφ

Strata As per Logger -

57-75m - Medium Sand  
 80-110m - Medium Sand & Partic

300mmφ (H.P)	150mmφ (P.P)	150mmφ (S.P)
6.00	6.00	6.00
6.00	6.00	6.00
6.00	6.00	6.00
6.00	1.50	6.00
6.00	6.00	6.00
6.00	4.50	6.00
6.00	6.00	1
6.00	6.00	30.00m
<u>42.00m</u>	<u>36.00m</u>	



300mmφ (H.P) = 42.00m  
 150mmφ (P.P) = 36.00m  
 150mmφ (S.P) = 30.00m  
 (300x150)mmφ Red = 0.15m  
Total = 108.15m

A.G.L = 0.50m  
 B.G.L = 107.65m  
Total = 108.15m

K-150mmφ

*[Signature]*





# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- BYORKASMABAD, BLOCK- ISLAMNAGAR,  
DISTT.- BUDAUN  
UNDER  
JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 120 mtrs. depth. and Logged depth 120 mtrs. at above site. Was drilled by M/S PNC-SPML-JV, Badaun.

On the request of M/S PNC-SPML-JV, Badaun. a Geophysical well Logging is conduct at above bore hole using IGIS Well Logger on 29.Nov.2022.

Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 17	12	Dry sand	
3.	17 - 30	13	Clay kankar	
4.	30 - 42	12	Medium sand	Good
5.	42 - 48	6	Clay kankar	
6.	48 - 51	3	Fine sand	Good
7.	51 - 57	6	Clay kankar	
8.	57 - 75*	18	Medium sand	Good
9.	75 - 80	5	Clay kankar	
10.	80 - 110*	30	Medium sand & kankar	Good
11.	110 - 116	6	Clay kankar	
12.	116 - 120	4	Sandy clay	

**Conclusions and Recommendations :-**

1. The Lithology broadly tallies with that of drill cutting strata chart.
2. The zones marked with asterisk (\*) appear to be aquifer zones for possible development of tubewell.
3. The Quality of water is expected Good.
4. It is recommended to have a chemical and bacteriological analysis of the water sample before using it for human consumption or for any other use.
5. All projections and recommendations are subject to the inherent limitations of the technique employed and there could be variations as the underground conditions are not always amenable to physical interpretations.

**Geophysicist**



**Ground Water Survey Consultancy**

Rho a  
 NI6 (SN)  
 NS4(LN)  
 LAT

Logging VI  
 Byrdarmabad Elect  
 Islamnagar East  
 Budaura  
 LOGGHEUP  
 29 Nov 2022  
 21.36  
 Uttara di Gupta (G)

SP (m V)

